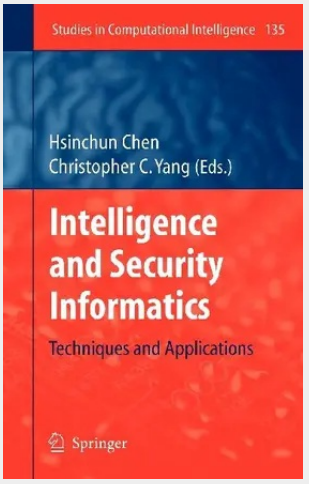
Chen / Yang

Intelligence and Security Informatics

Techniques and Applications



The IEEE International Conference on Intelligence and Security Informatics (ISI) and Pacific Asia Workshop on Intelligence and Security Informatics (PAISI) conference series (http://www. isiconference. org) have drawn significant attention in the recent years. Intelligence and Security Informatics is concerned with the study of the dev- opment and use of advanced information technologies and systems for national, int- national, and societal security-related applications. The ISI conference series have brought together academic researchers, law enforcement and intelligence experts, - formation technology consultant and practitioners to discuss their research and pr- tice related to various ISI topics including ISI data management, data and text mining for ISI applications, terrorism informatics, deception and intent detection, terrorist and criminal social network analysis, public health and bio-security, crime analysis, - ber-infrastructure protection, transportation infrastructure security, policy studies and evaluation, information assurance, among others. In this book, we collect the work of the most active researchers in the area. Topics include data and text mining in terr- ism, information sharing, social network analysis, Web-based intelligence monitoring and analysis, crime data analysis, infrastructure protection, deception and intent det- tion and more. Scope and Organization The book is organized in four major areas. The first unit focuses on the terrorism - formatics and data mining. The second unit discusses the intelligence and crime analysis. The third unit covers access control, infrastructure protection, and privacy. The forth unit presents surveillance and emergency response.

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